

**ABSTRACT**

A gateway adapter for a circuit switched PBX system to allow the PBX system to interoperate with a packet  
5 switched network containing a remote services unit. The gateway adapter includes a PBX interface for communicating with the PBX system, a network interface for communicating with the packet switched network and an interoperation functional unit to effect manipulation on data received by  
10 the two interfaces to allow the PBX system and the packet switched network to interoperate. One example of interoperation is to perform call processing functions on call sessions through the PBX system at a remote network services unit residing in the packet switched network.